

OP 516-2-1X

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DECLASSIFIED UNDER AUTHORITY OF THE
INTERAGENCY SECURITY CLASSIFICATION APPEALS PANEL,
E.O. 13526, SECTION 5.3(b)(3)

ISCAP APPEAL NO. 2011-064, document no. 58
DECLASSIFICATION DATE: December 19, 2013

BRIEFING SLIDES

SLIDES 1 THRU 53

SPECIAL HANDLING REQUIRED
NOT RELEASABLE TO FOREIGN
NATIONALS.

~~GROUP 1~~

~~Excluded from automatic
downgrading and declassification.~~

OATSD(LA) CONTROL NUMBER

S67-0490-2x1

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D1-67-12063

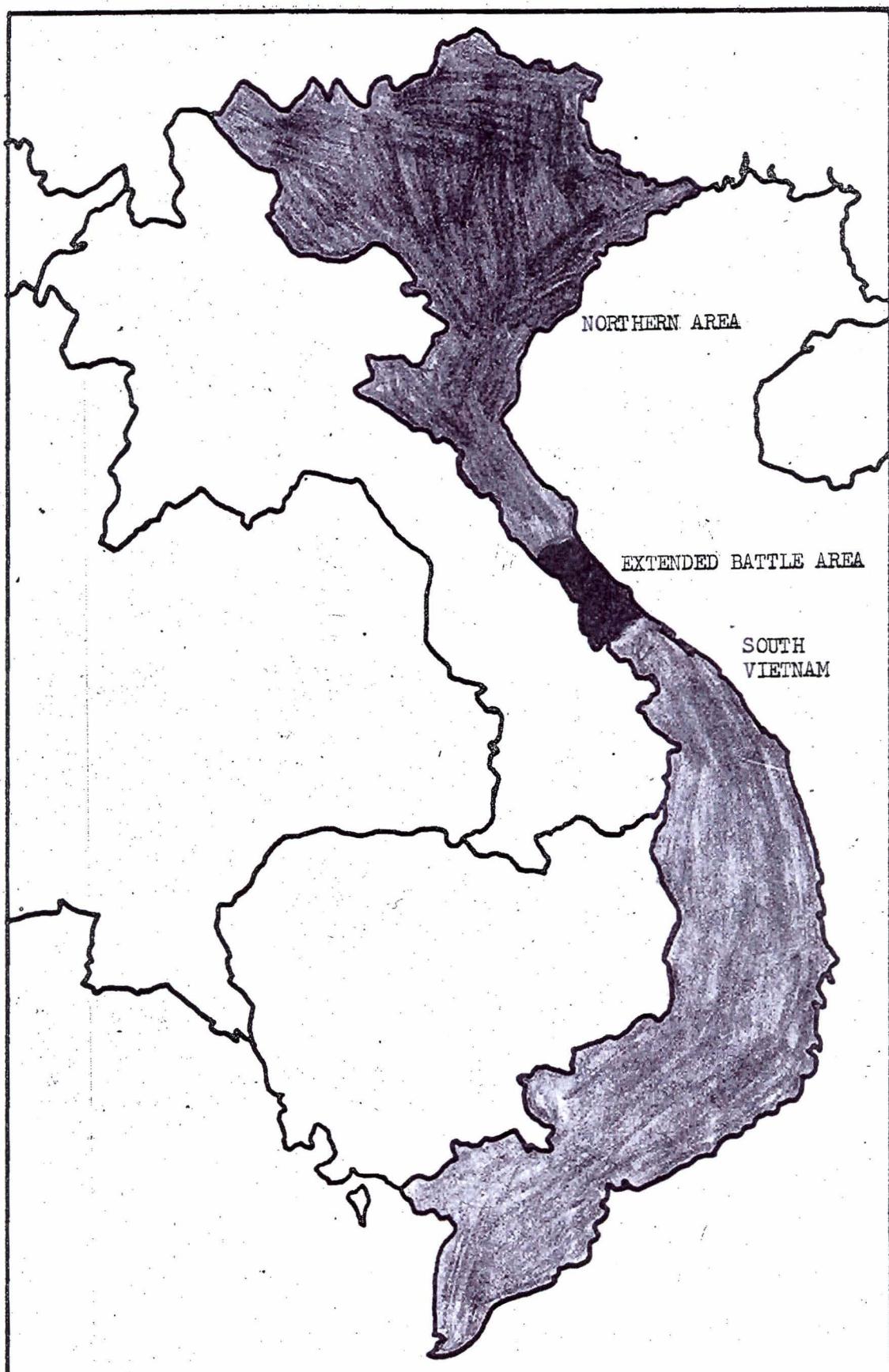
AREAS OF OPERATION

* SOUTH VIETNAM

* NEAR DMZ

* NORTHERN PART OF NORTH VIETNAM

AREAS OF OPERATION



Slide 2

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SECRET DAY

SERIALS
338
212
108
658



SECRET

SLIDE 3

SECRET

4

AIR SUPPORT OF MAJOR GROUND OPERATIONS

OPERATION	SORTIES	ENEMY KIA *
HASTINGS/PRAIRIE	7313	2221
PAUL REVERE I-IV	1818	2808
ATTLEBORO	1571	1106
CEDAR FALLS	1246	720
ENTERPRISE	502	1024
MALHEUR I-II	543	502
LAMSON 54	58	342
LIEN KIET 81	60	423
THAYER II	2184	1757
PERSHING	2950	1968
JUNCTION CITY	4161	2728
FAIRFAX	948	866
PALM BEACH	189	570
BYRD	843	605
FRANCIS MARION	2146	682
ADAMS	204	491
SAM HOUSTON	2184	733
ALA MOANA	1229	382
TOTAL	30,149	19,928

* ALL WEAPONS

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ARC LIGHT

JUN 65 TO JAN 67

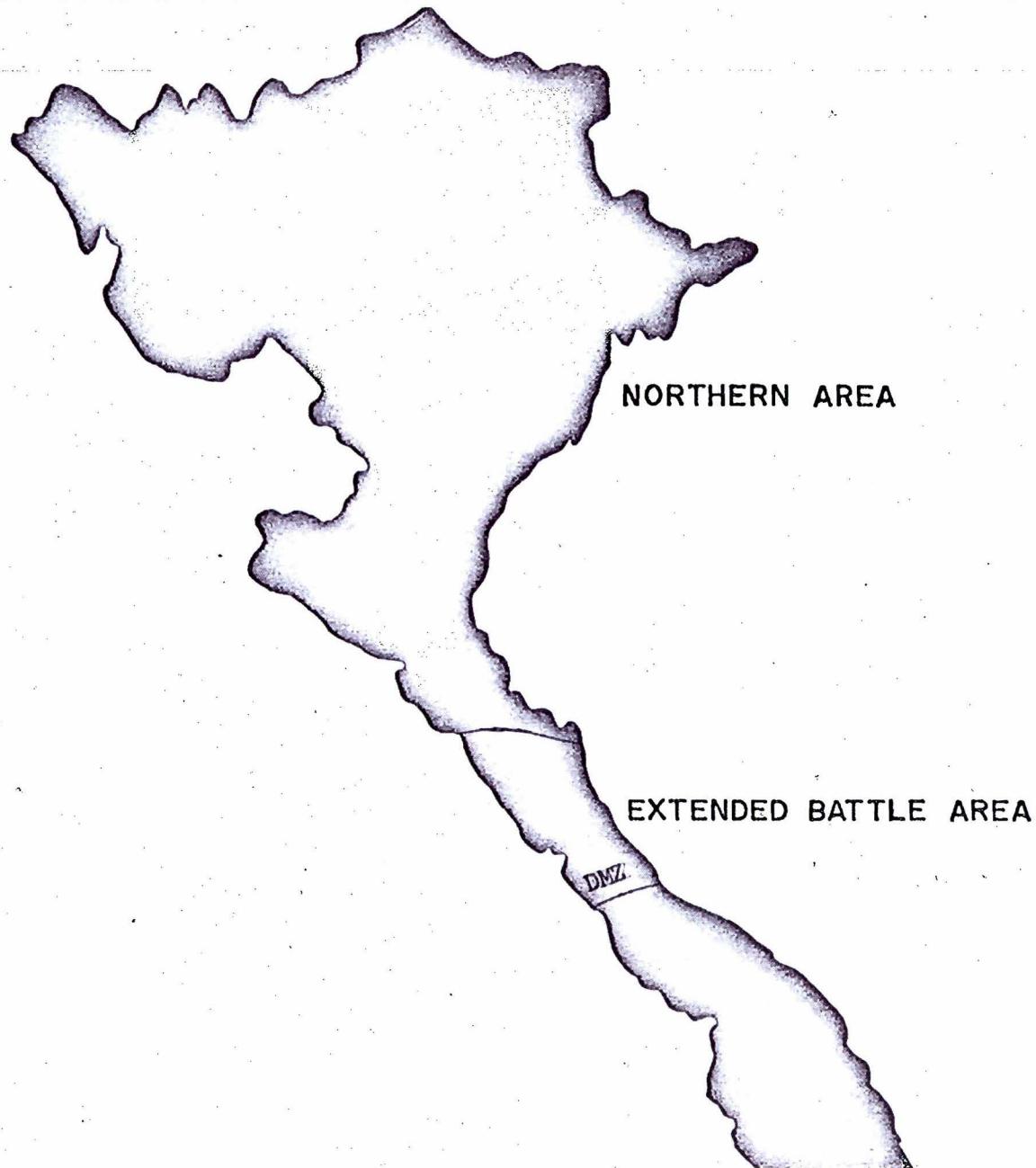
SORTIES	6,486
TONNAGE	117,070

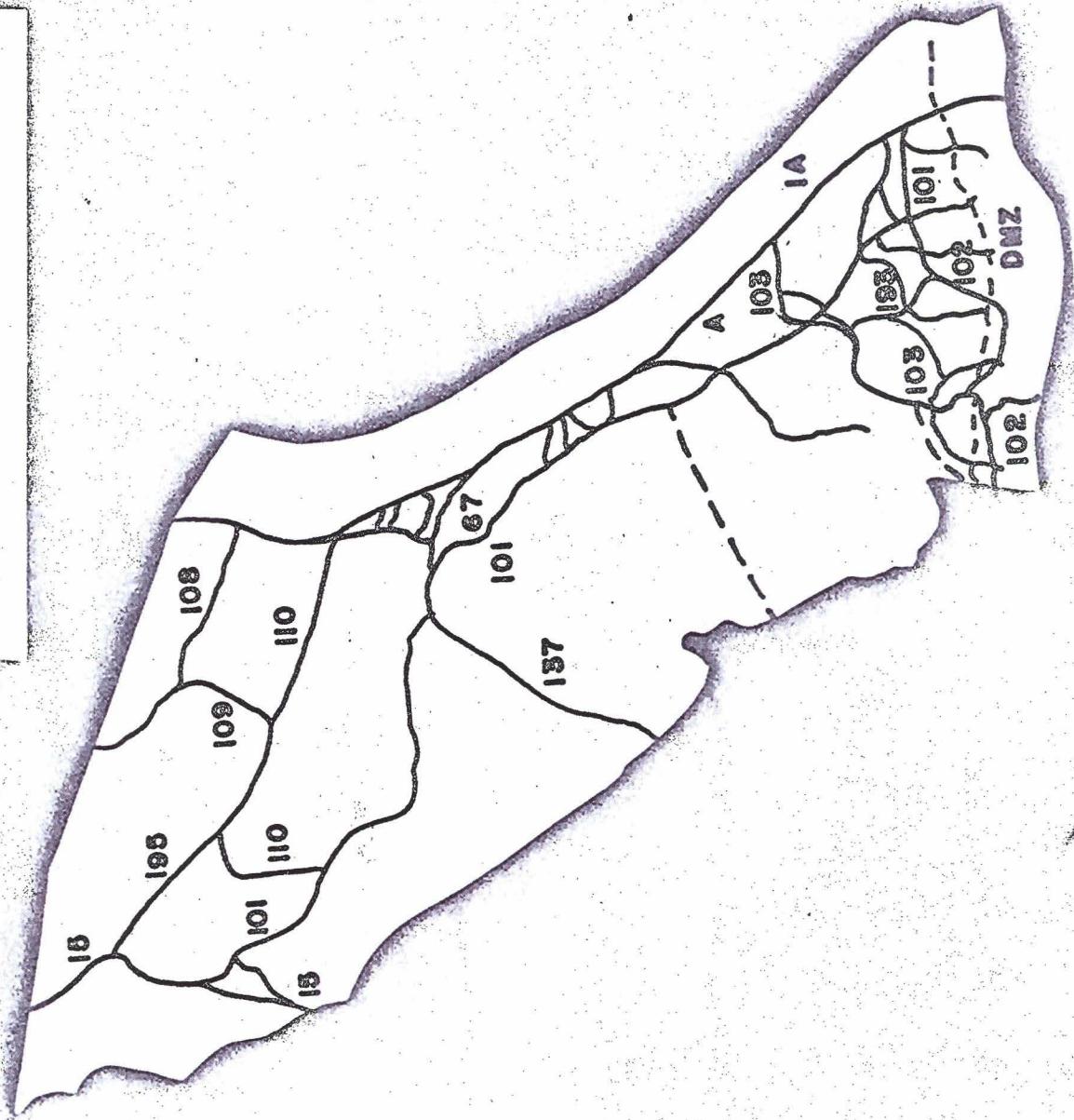
SINCE 1 JAN 67

SORTIES	6,362
TONNAGE	143,477

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OPERATIONS IN NORTH VIETNAM



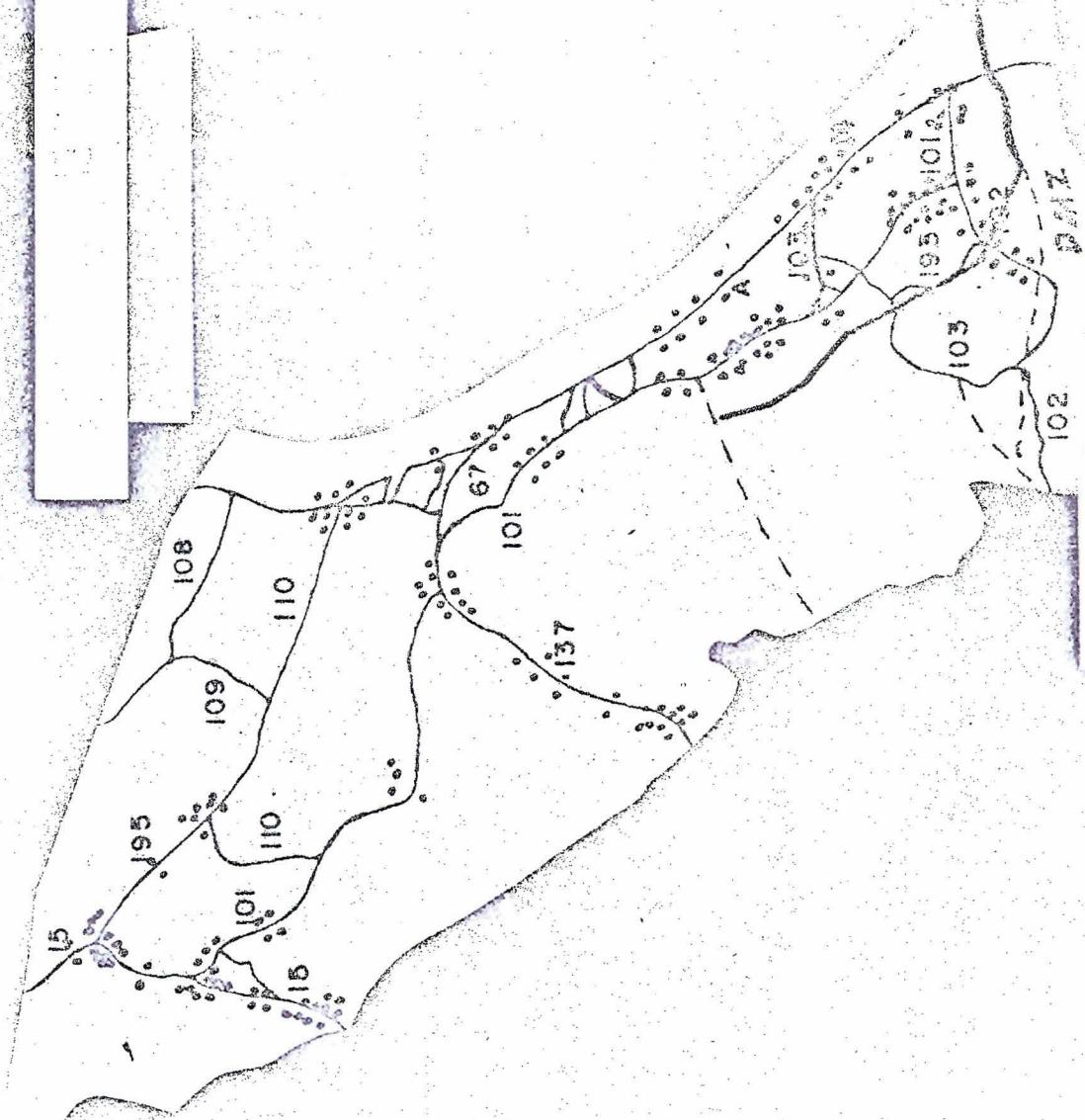


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87

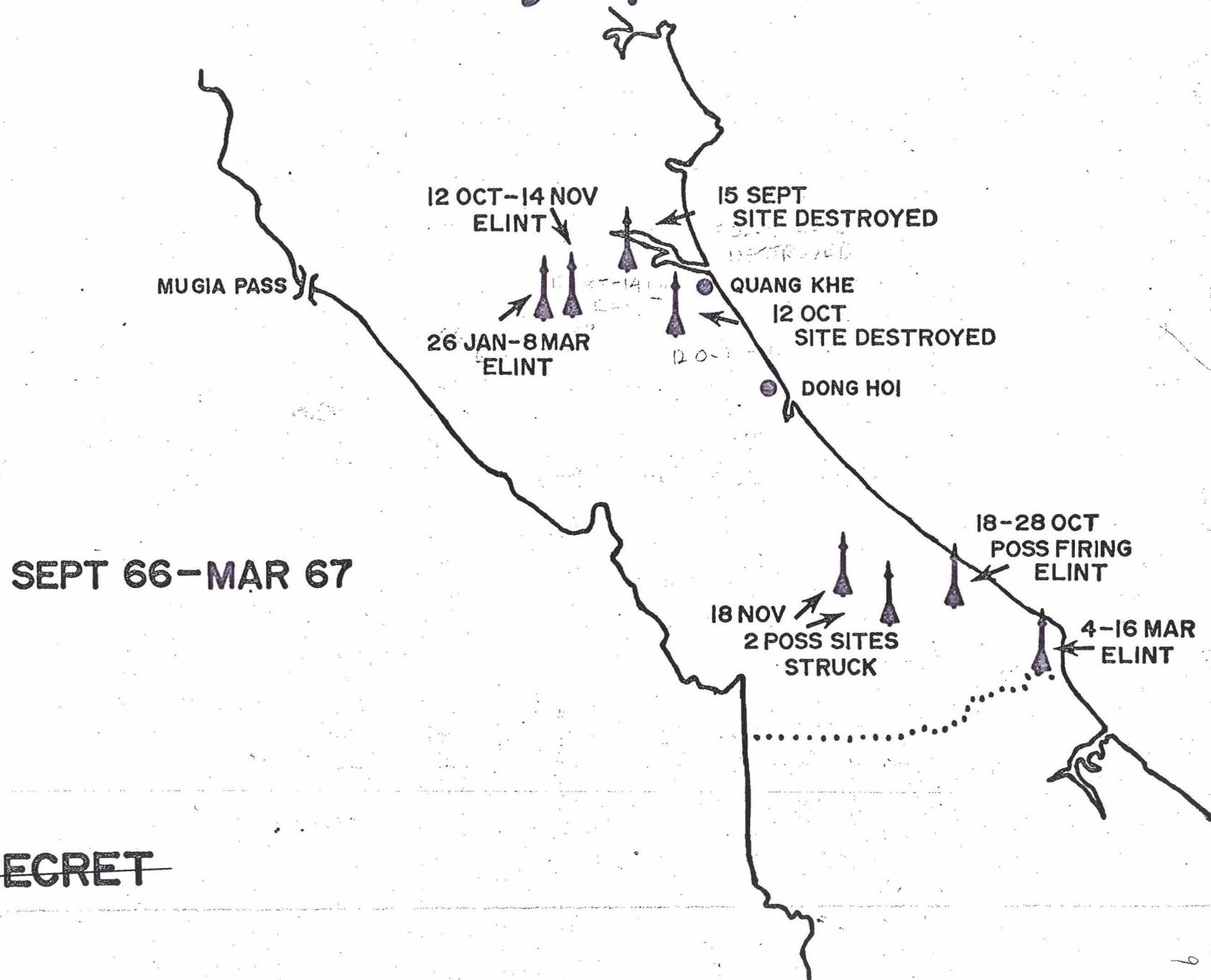
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• sam activity rp I

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ELINT

25-27 APRIL

101

ESTABLISHED
ACTIVE
LOCATION
27 APR

DALLAS
EB 66C
SPOONREST
25 APR

PHOTO
SCHEDULED
NEG RESUL

BLADE
EB 66C
FANSONG
26 APR

SECRET

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28 APR 1968

ESTIMATED ACTIVE LOCATION

PHOTO LOCATION

BARRACUDA
F-405 F
3 RINGS S-BAND TWS
28 APR -1342 H

BISON
EB-66 C
FANSONS
28 APR
1329 H -1341 H

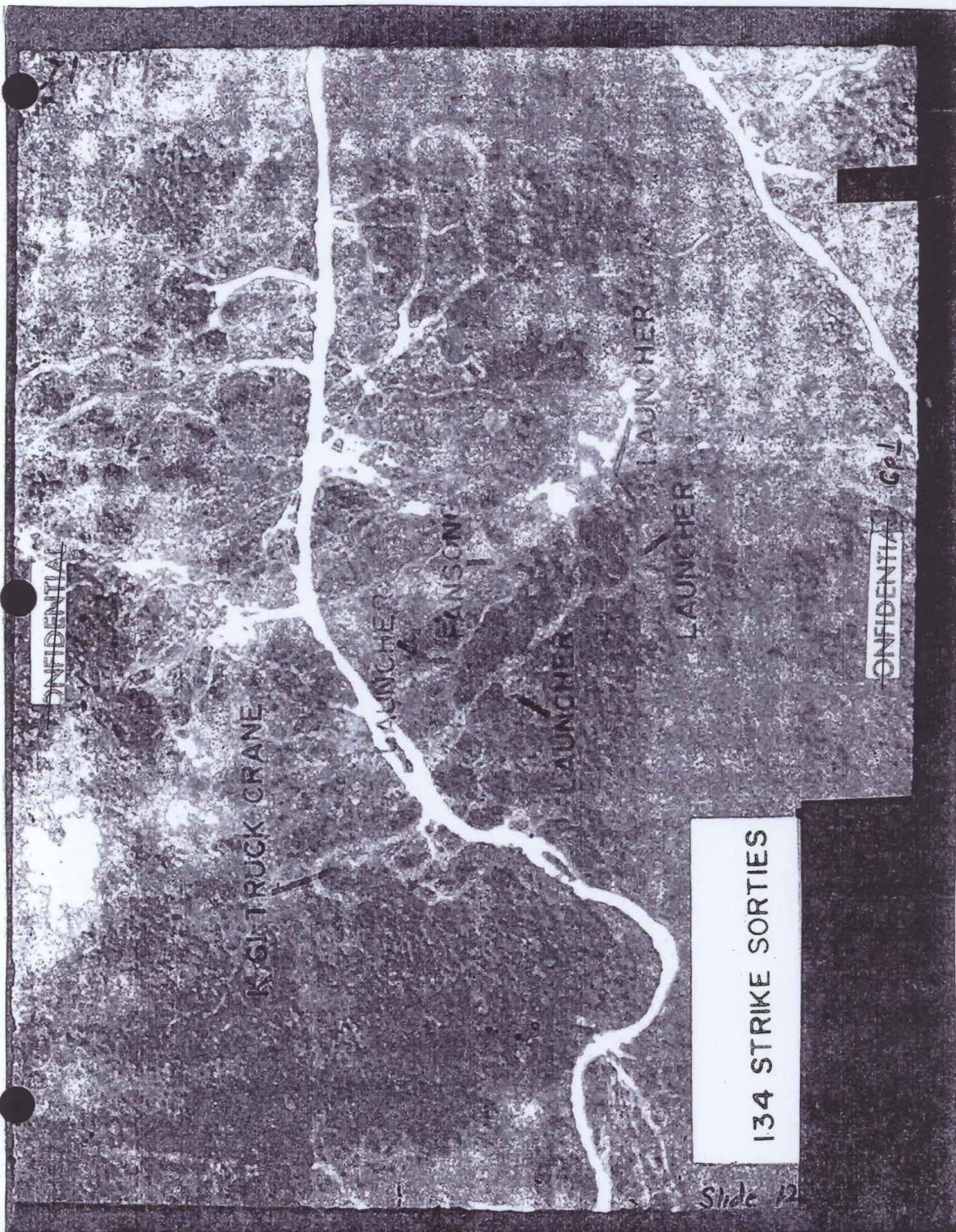
BISON
SPOONREST
1331 H -1343 H

INTERCEPTED BY NR 4
OPERATOR ON BISON
(POSS. A DIFF. FANSON)
1340,5 H

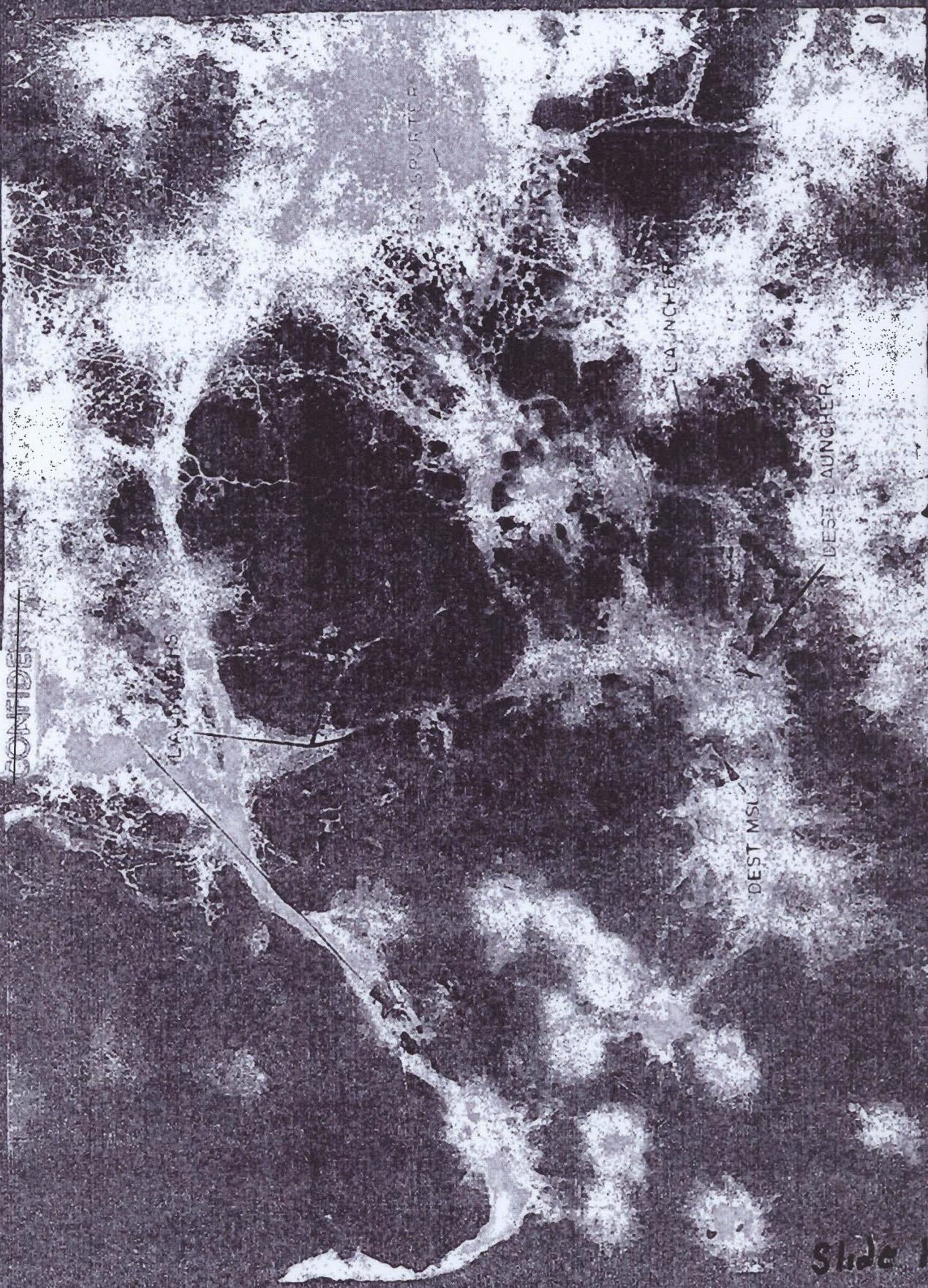
INTERCEPTED BY NR 3
OPERATOR ON BISON
1340,5 H
B-52 VECTOR

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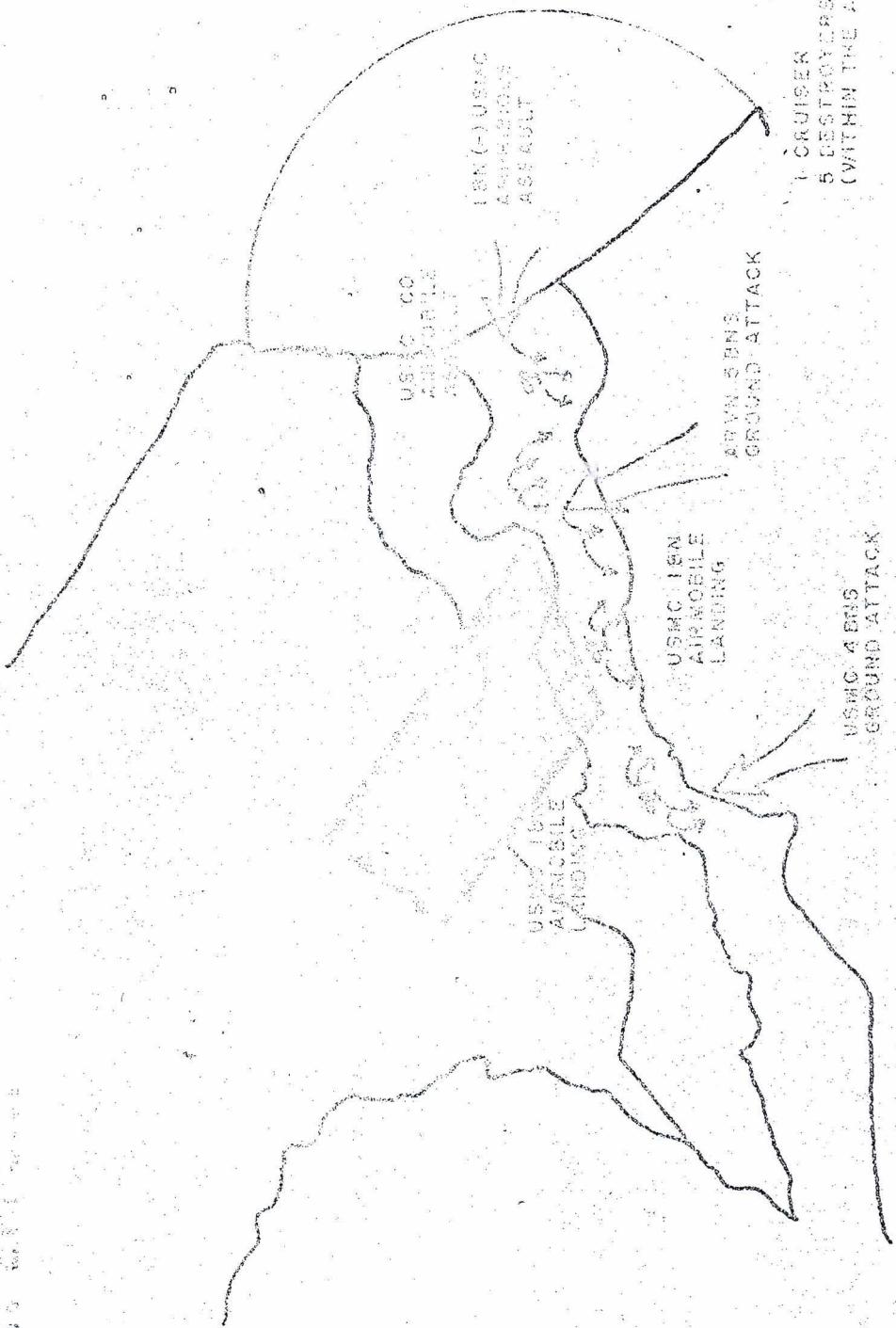
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Slide 15



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18 AUG 1967

AIR FORCE 30
(B-52)

AIR FORCE 84
(TACTICAL)

MARINE 41

NAVY 49

TOTAL 204

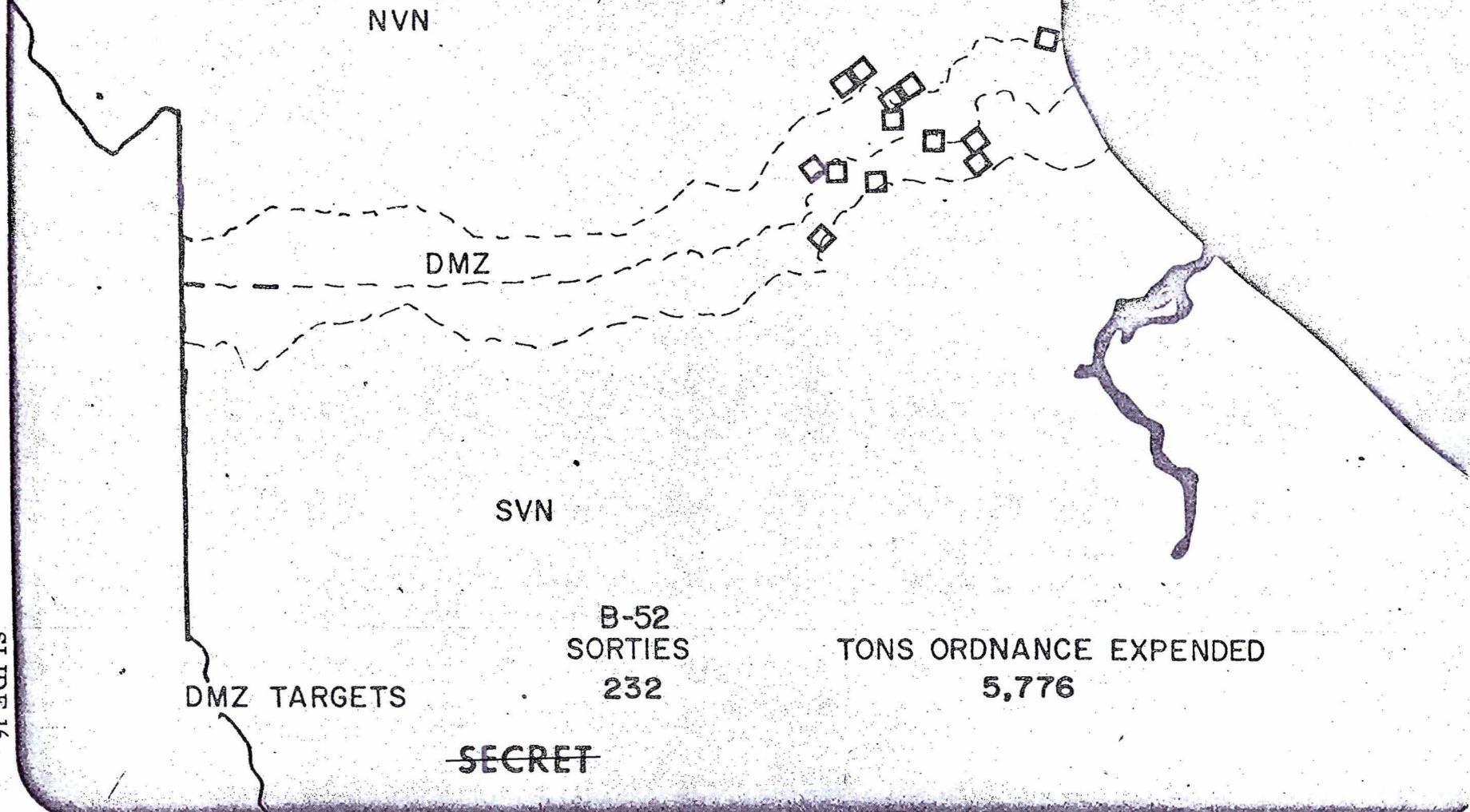
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16

ARC LIGHT SORTIES
AUGUST

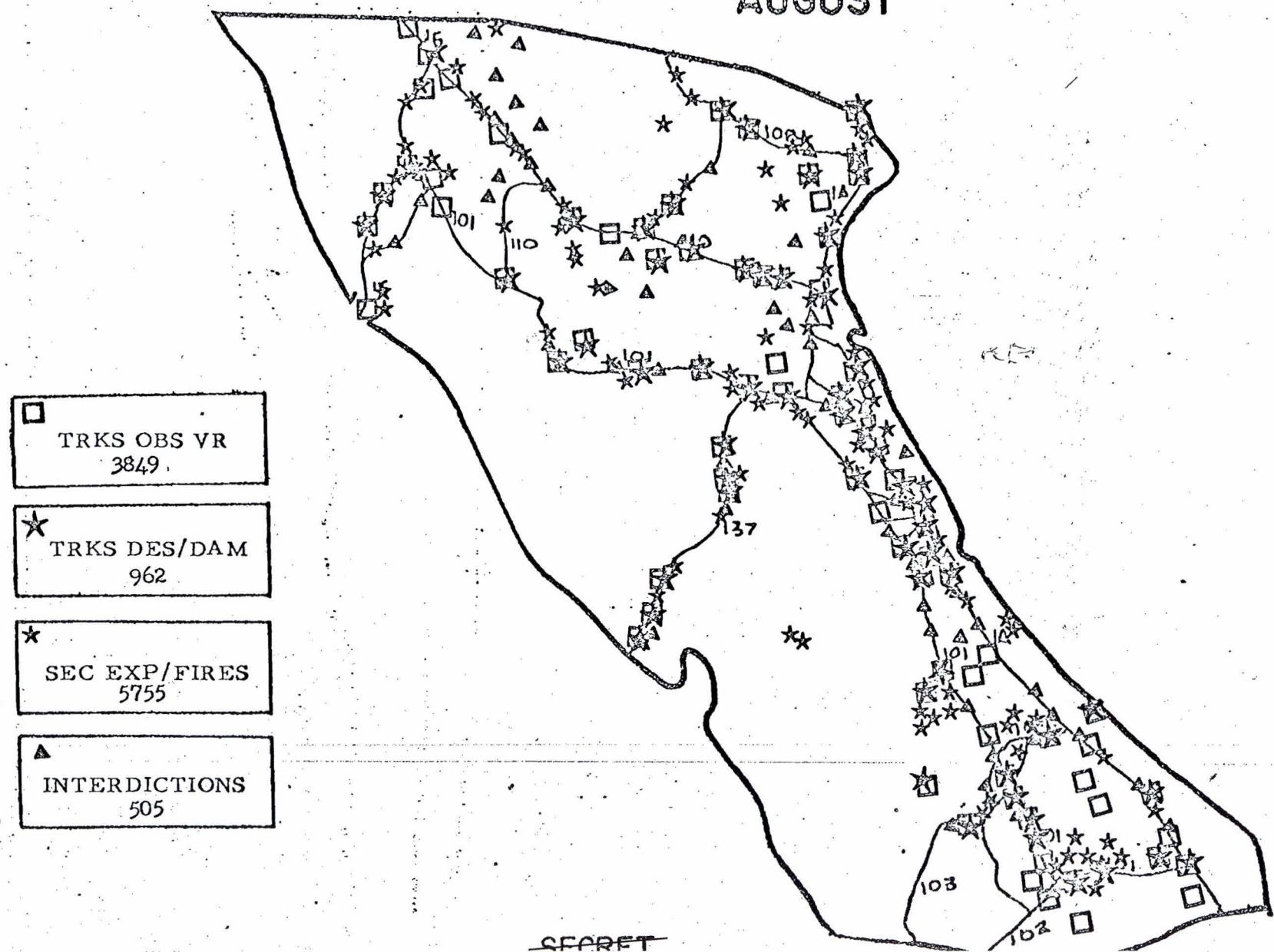


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17

RTE PK I AND TALLY HO

AUGUST

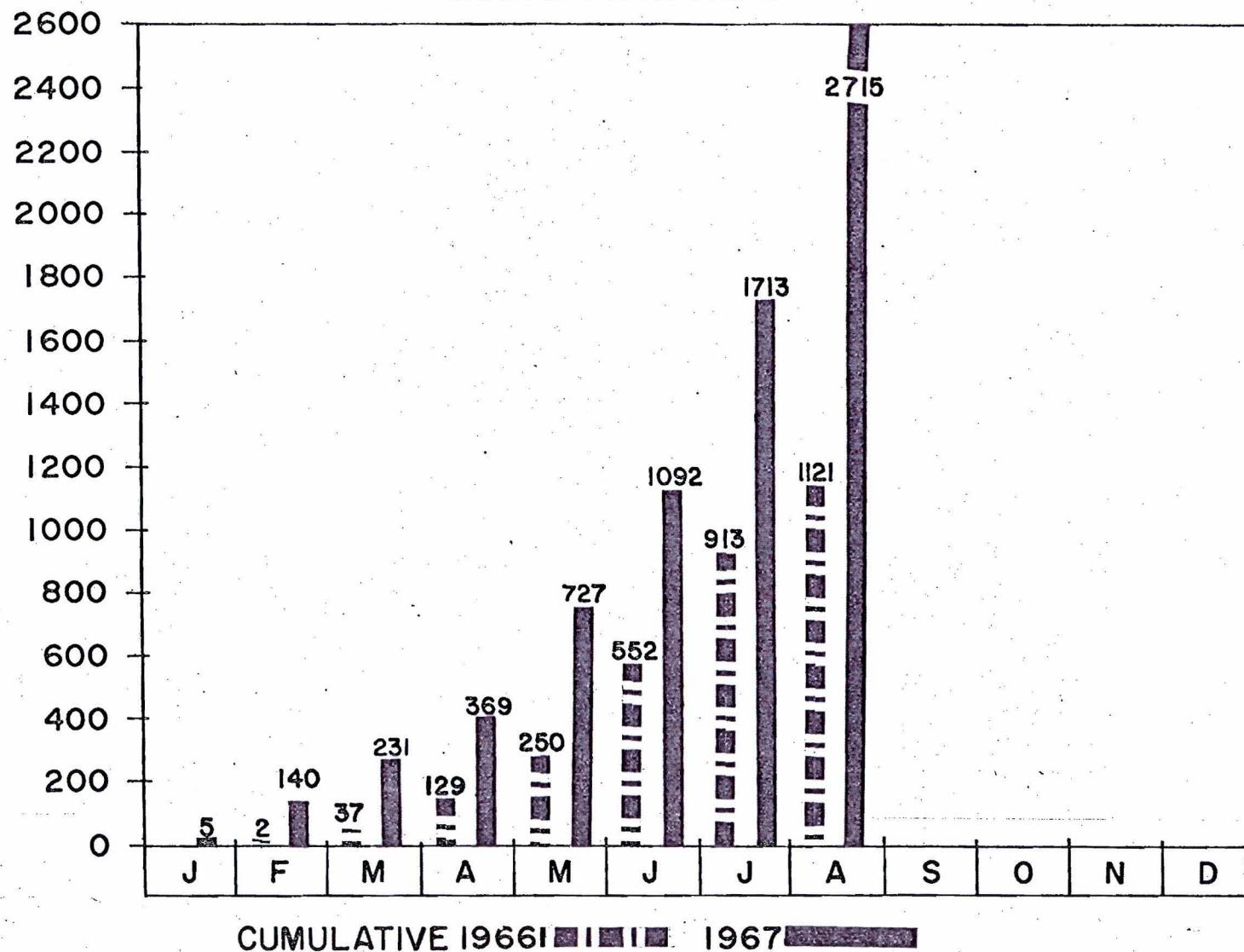


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TRUCKS DESTROYED AND DAMAGED

ROUTE PACKAGE



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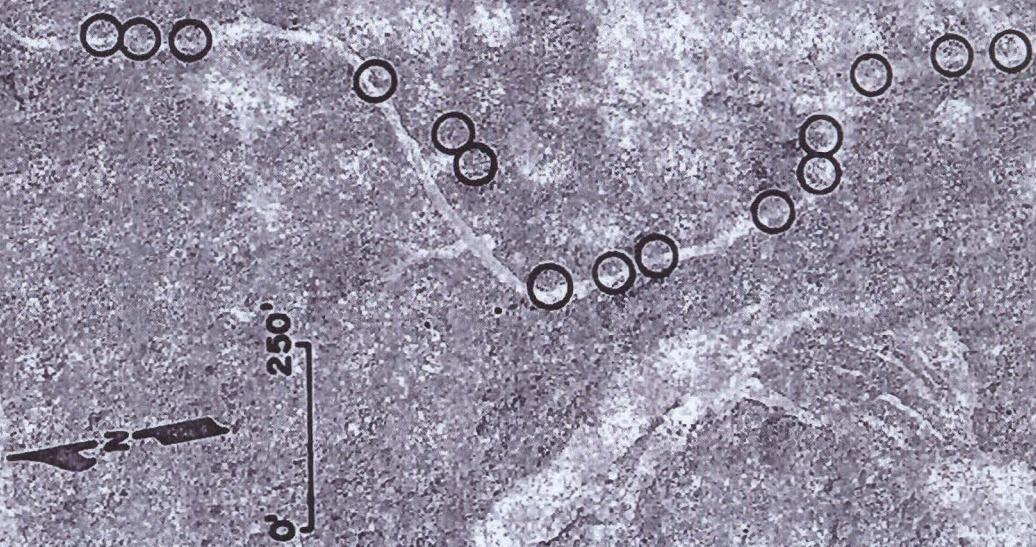
6/2/15

6/2

Slide 19

CONF

3PIS



460 TRW 20 FEB 67
15 DEST/DAM TRUCKS
RTE 15 TOT: 1300H

CONF GP-1

Slide 90

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21

QUANTITATIVE ASSESSMENT

ESTIMATED TONS OF SUPPLIES DESTROYED
SINCE MID APRIL 1967

* FROM 1987 DESTROYED TRKS:	5961 TONS
* FROM 577 DAMAGED TRKS:	433 TONS
* FROM 14,050 SEC EXP & FIRES:	3513 TONS
TOTAL SUPPLIES DESTROYED 9,907 TONS	

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SLIDE 21

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FIREPOWER

DENIED THE ENEMY

* ASSUME

* 70% OR 6,935 OF THE TOTAL 9,907 TONS
WERE AMMUNITION

* OF THIS 6,935 TONS:

20% WERE SMALL ARMS ROUNDS 1,387 TONS

40% WERE MORTAR ROUNDS 2,774 TONS

30% WERE RECOILLESS RIFLE RND'S 2,080 TONS

10% WERE 120 & 140MM ROCKETS 694 TONS

6,935 TONS~~SECRET~~

COMBAT SUPPORT

DENIED

THE ENEMY

ON THE

BATTLEFIELD

~~SECRET~~

24

TRUCKS

DESTROYED-DAMAGED

3,885

8,644

SHORT TONS

~~SECRET~~

SLIDE 24

~~SECRET~~

25

SECONDARY

FIRES - EXPLOSIONS

25,756

4976

SHORT TONS

~~SECRET~~

SLIDE 25

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26

SUPPLIES

DESTROYED

13,620

SHORT TONS

FINAL

ANALYSIS

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SLIDE 26

OPERATIONS IN THE NORTH

- FORCE EMPLOYMENT
- AIR EFFECTIVENESS
- INTERDICTION

ପାତା ୨୨ ପାତା ୨୩ ପାତା ୨୪ ପାତା ୨୫ ପାତା ୨୬

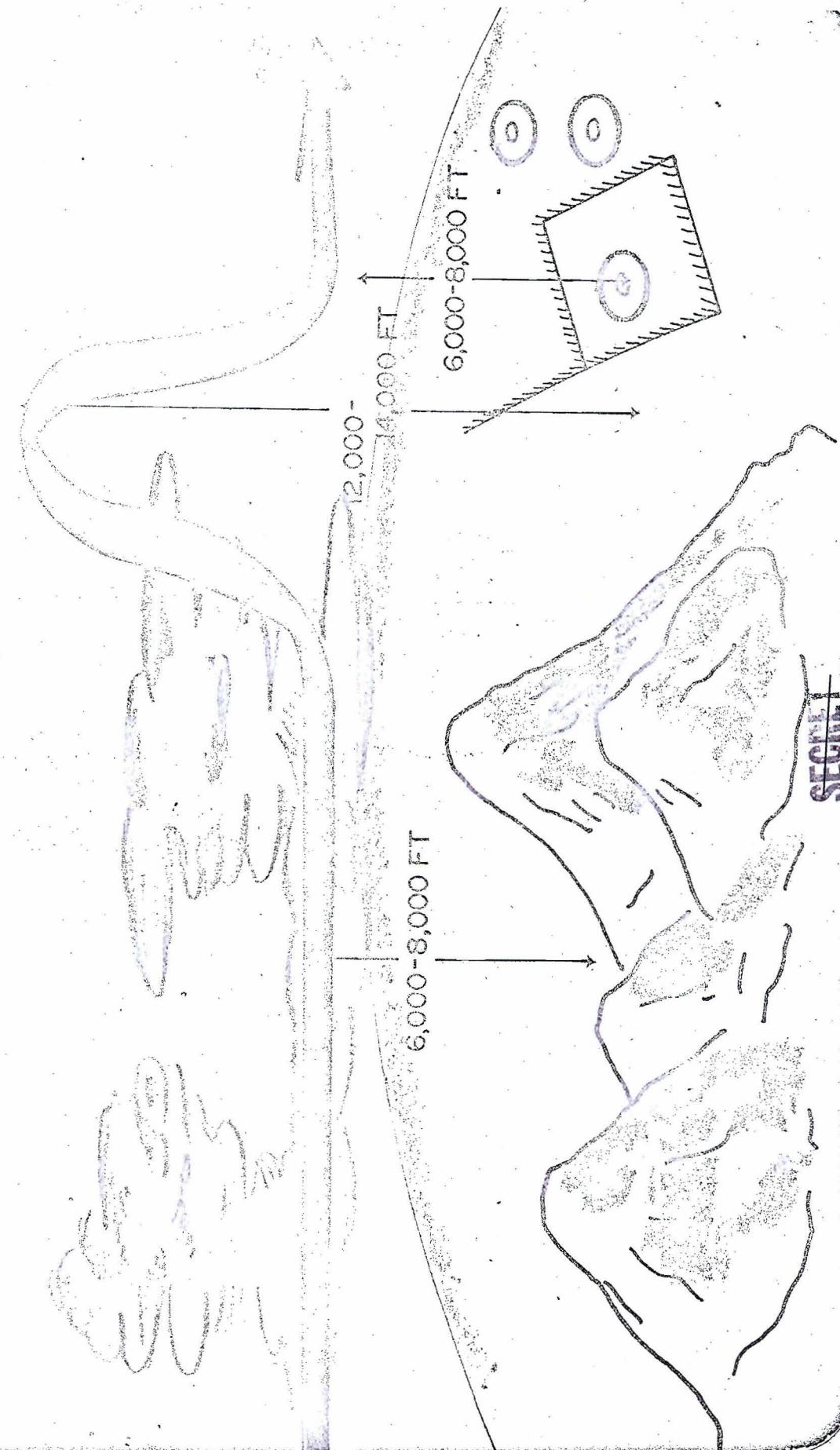


432 TRN 29 MAR 67
37MM AAA SITE
SOUTHEAST OF THAI NGUYEN IRON STEEL

61428

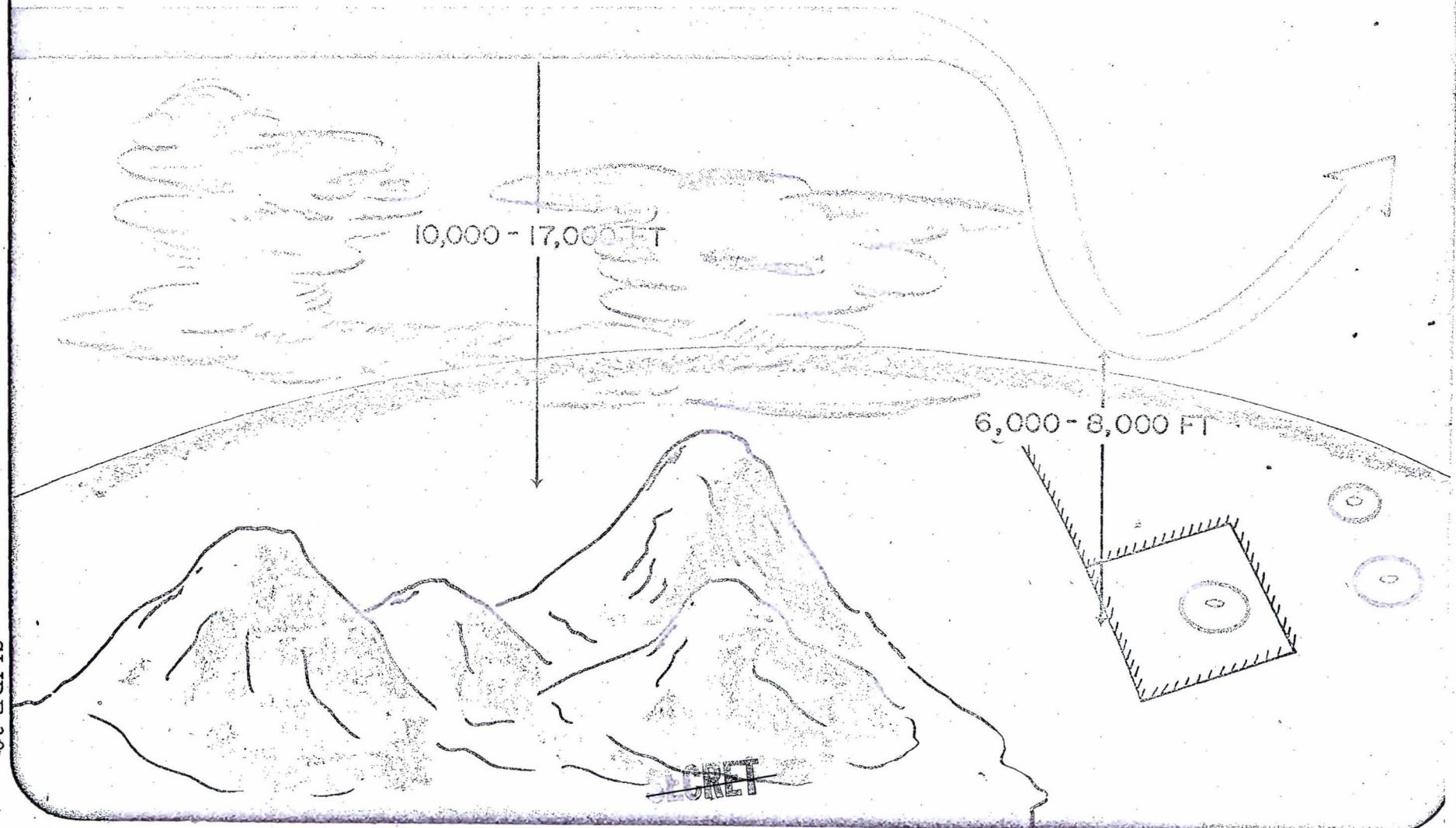
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FORMER TACTIC



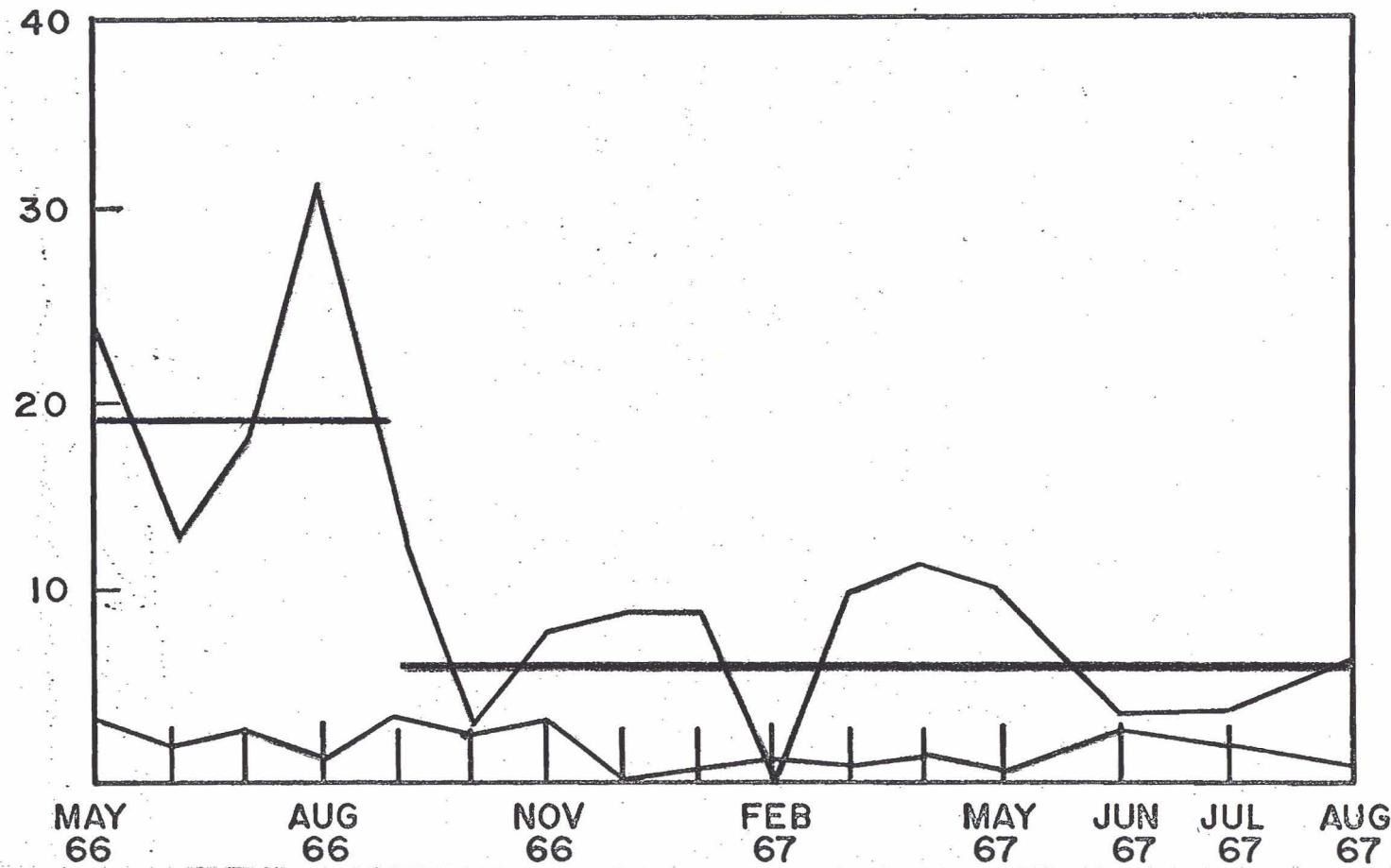
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OPTIONAL POD TACTIC



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STRIKE AIRCRAFT LOSS RATE PER 1000 SORTIES



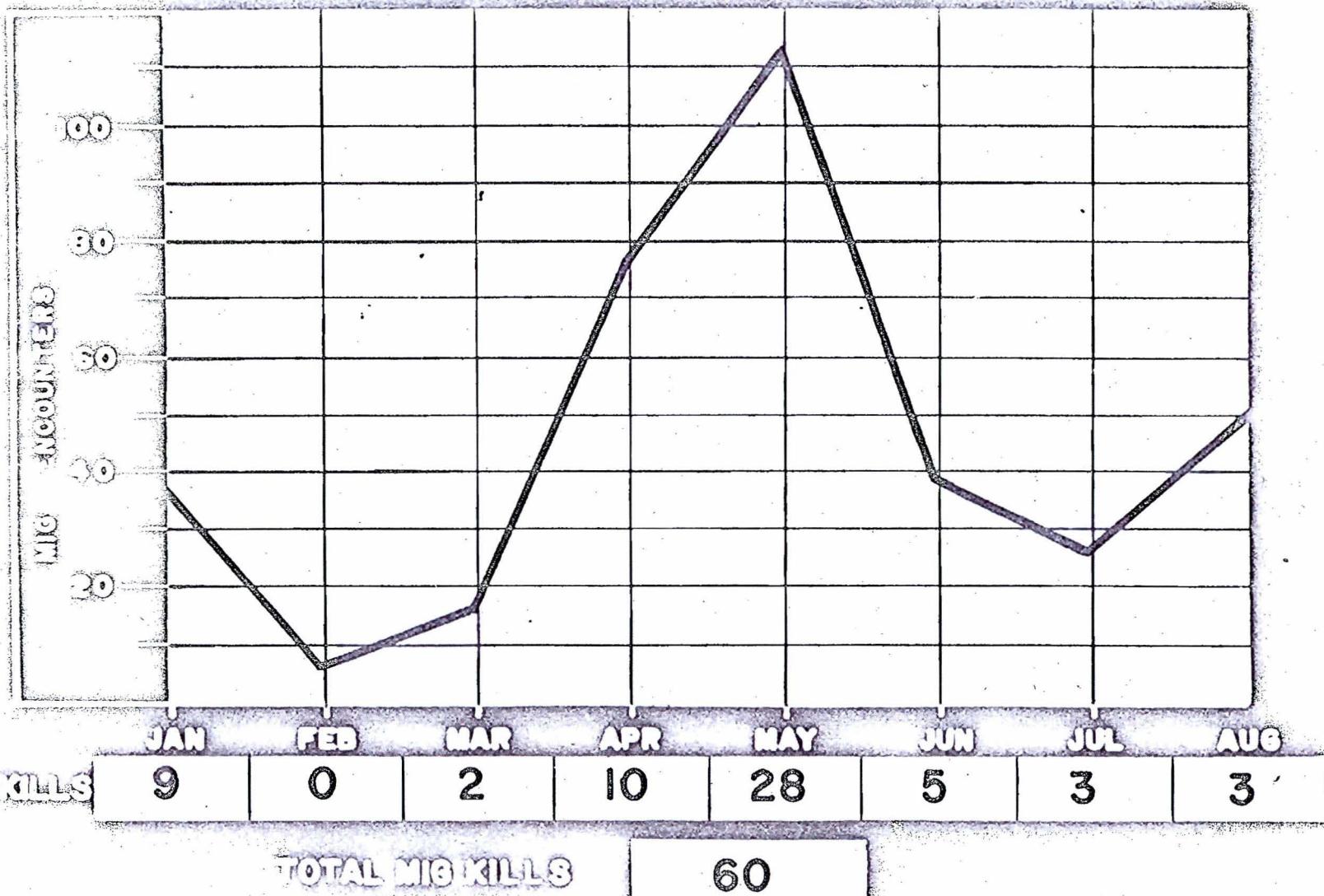
THRU ■ AUG 67

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32

NVN AF MIGS -vs- US FIGHTERS



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35

AIR ORDER OF BATTLE

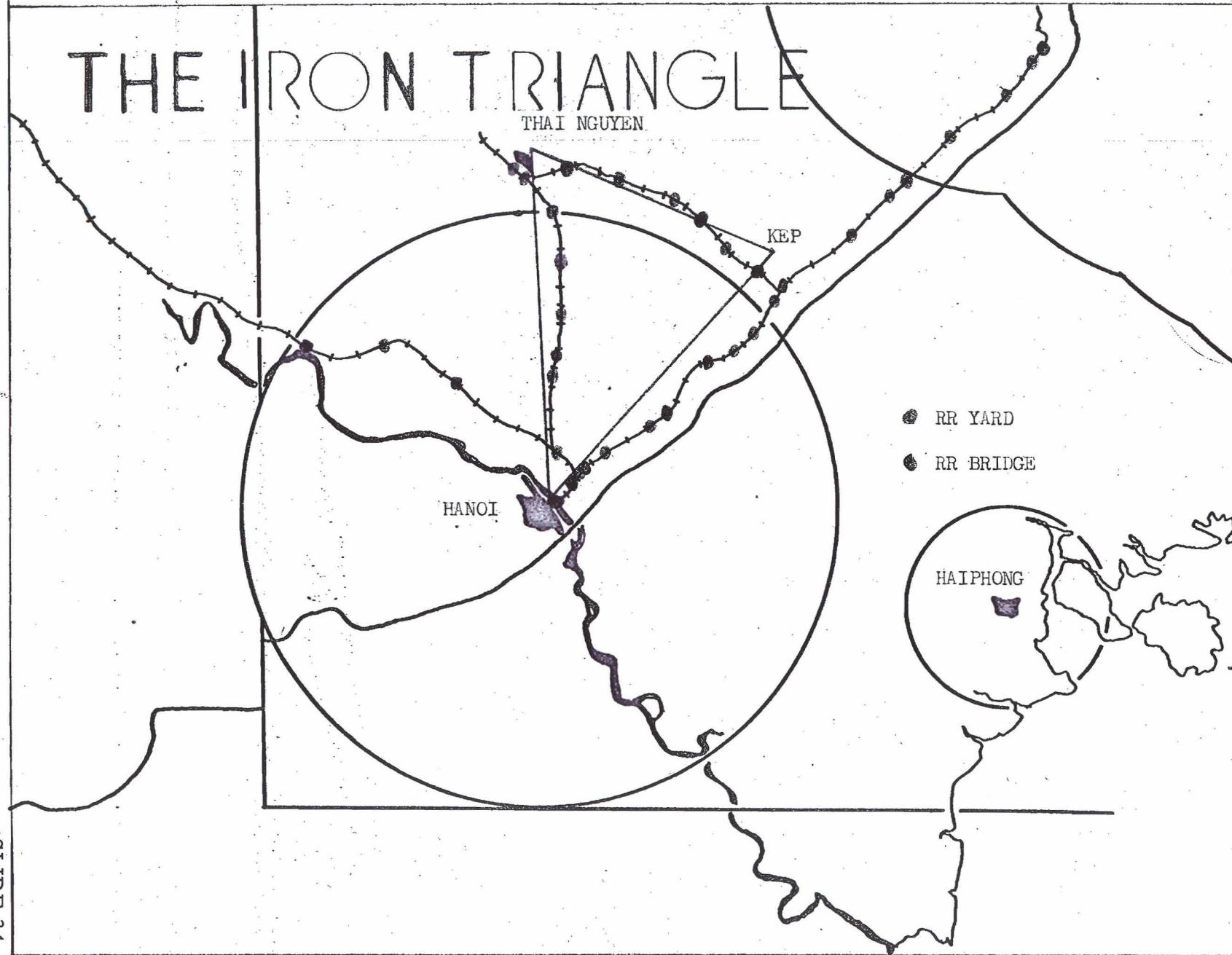
PHUC YEN	21 MIGS
GIA LAM	8 MIGS
KIEN AN	5 MIGS
TOTAL	34 MIGS

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THE IRON TRIANGLE

THAI NGUYEN

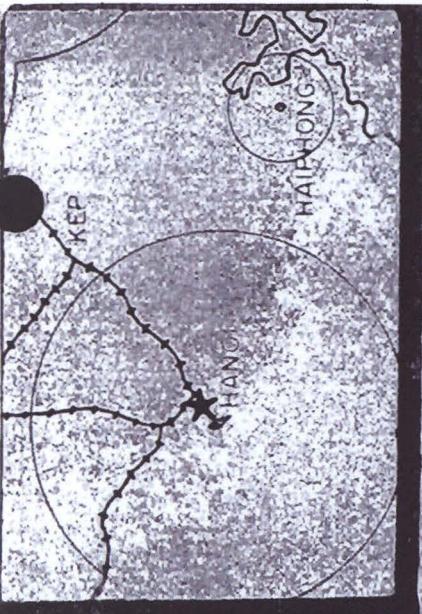


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34

JCS 13.00 HANOI RR/HWY BR



PRE STRIKE 25 DEC 66

POST STRIKE
432 TRW 30 APR 67
HANOI RR & HWY BR
616-000II TOT: 1420H

-CONF-GP-1

NSUKE

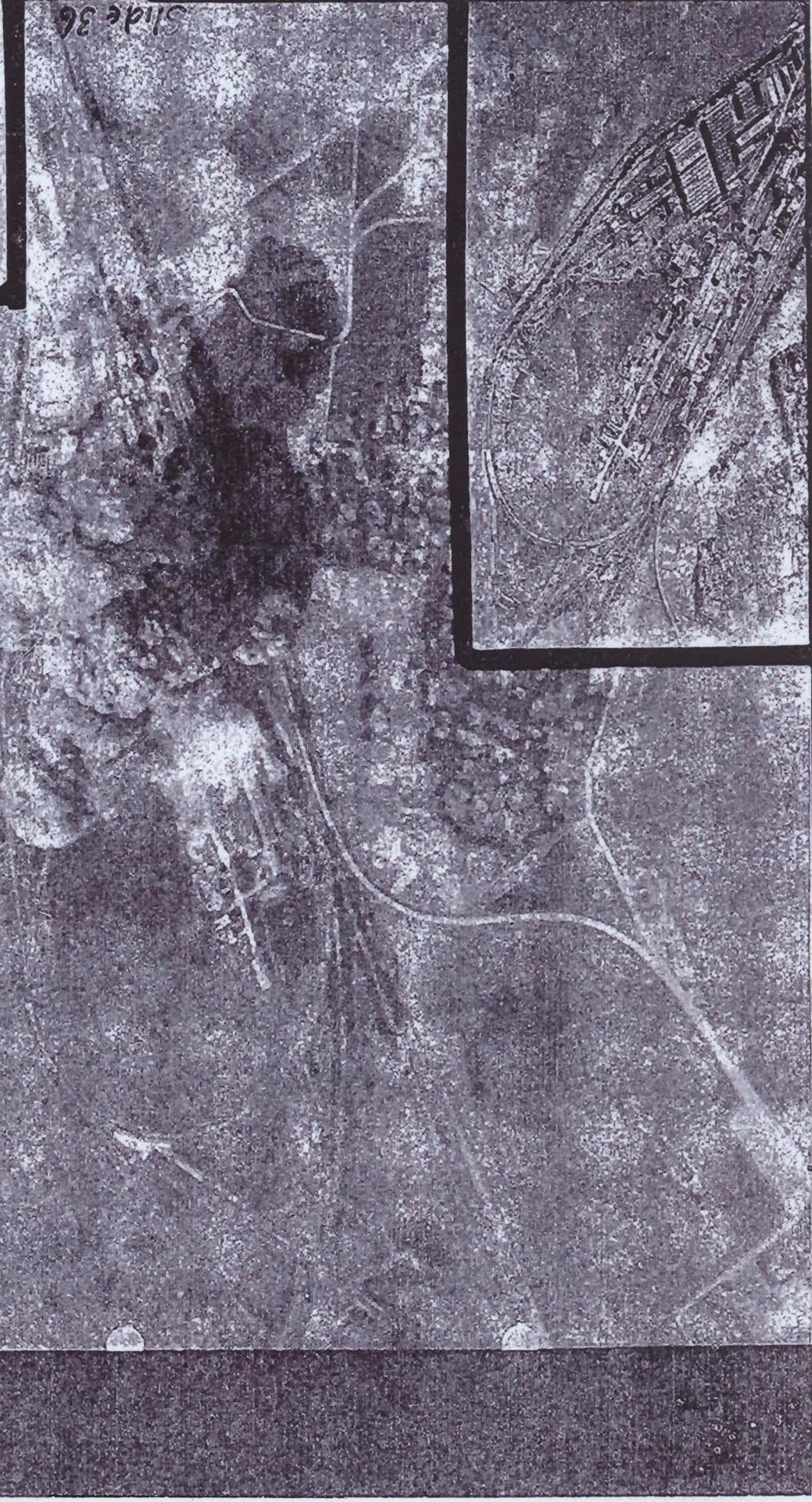
Slide 36

JCS 20.00

HANOI

CONFIDENTIAL

HANOI RR CAR REPAIR SHOP



ART 1672 DONG MUC RR BR

0' 210'



16 7115

CONF-GR-1

ART 1759 HA GIA RR BR OVER SONG CAU

THUAM CEN

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HA
GIA

127-1
REF-6810
5 AUG 67

45000

RR
96/6 - 0/931

96/6 - 0193

8

4/06/11

APRX 4700

2. TRANSSHIPMENT
066-01932

FORWARD

G-P-2

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Slide 40

OP-1

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JCS 13.00

ART 5348



JCS 13.00

6470 RECONNAISSANCE TECHNICAL SQUADRON
NAME: W. 094-1787 DATE: 23 AUG 67
NAME: YEN VEN RR G/F YANH S/N: 1824
COORDS: 2205072 E 1035572 N 0335572
OBJ: 616-08221
CAT. N: 10-71
TOP: 220510 KAN 10-71
INT: 10-71
TYPE: PHOTO STAKE
FR: 4
CONFIDENTIAL
#897FW

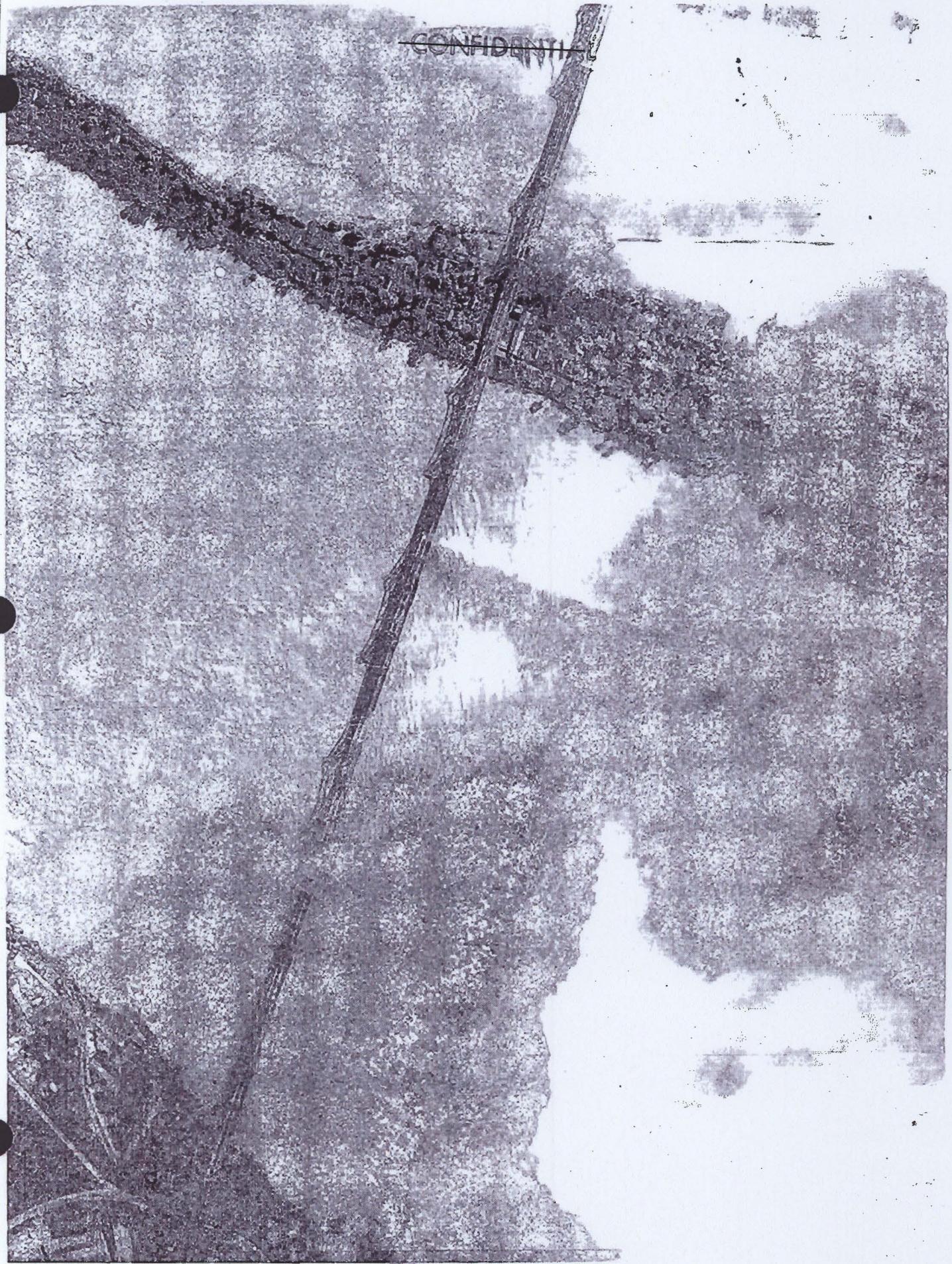
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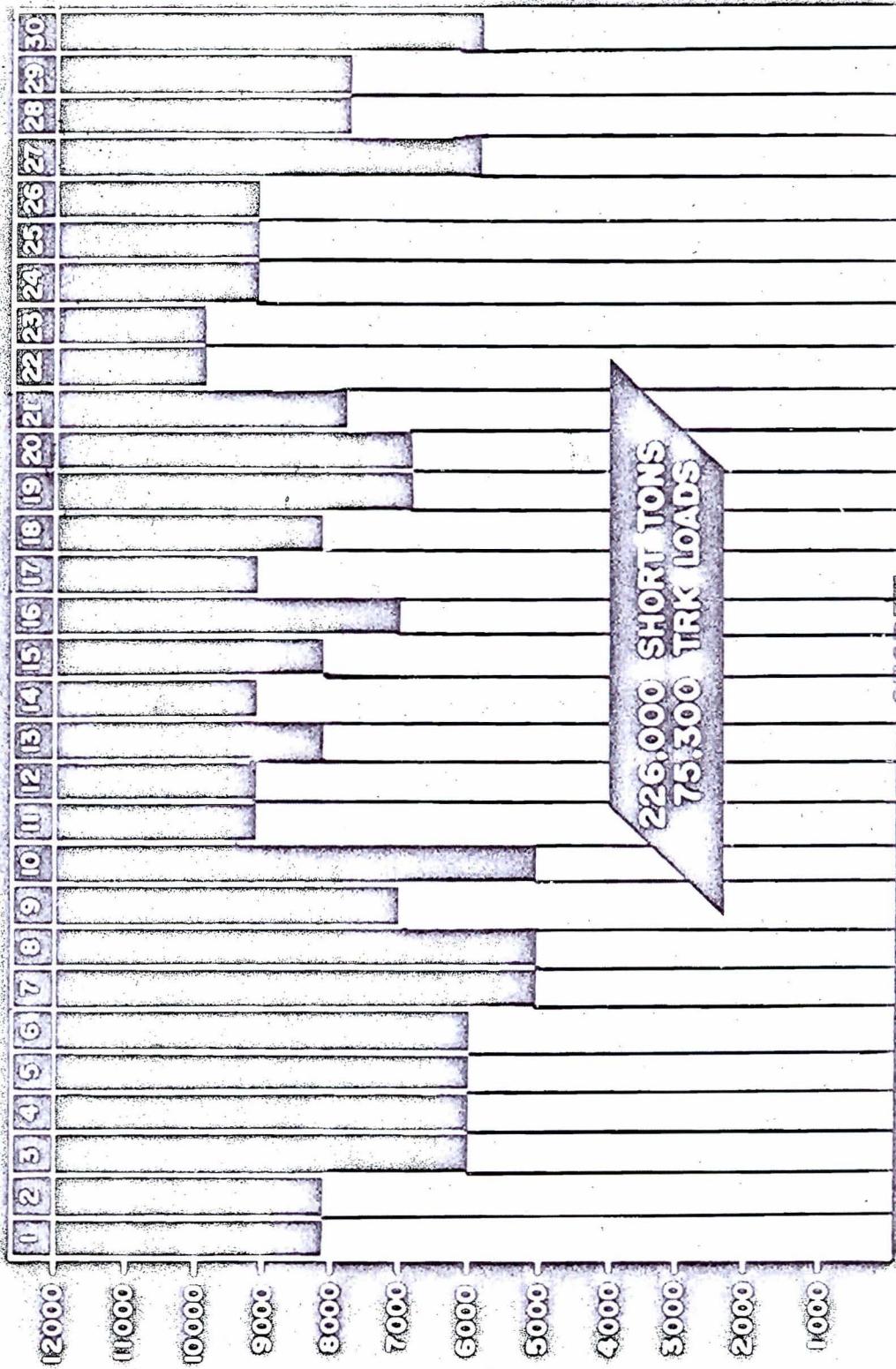
NVN THROUGHPUT DENIAL JUN-30 JUN 67

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NVN INTERDICTION COST IN TRANSHIPMENT

0 JUN - 30 JUN 1967



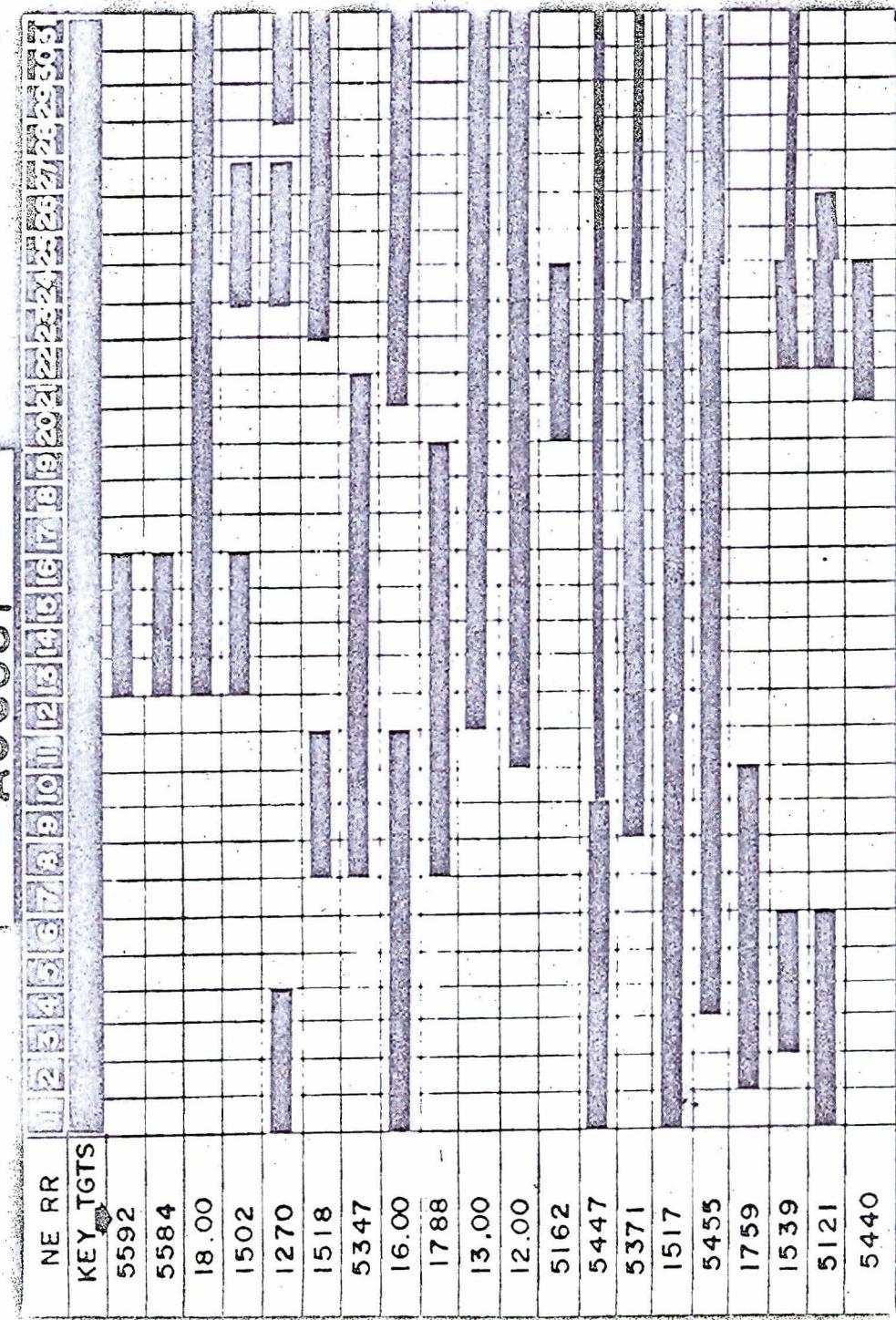
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TOP SECRET

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NON-THROUGHPUT DENIAL

AUGUST



STRIKE 45

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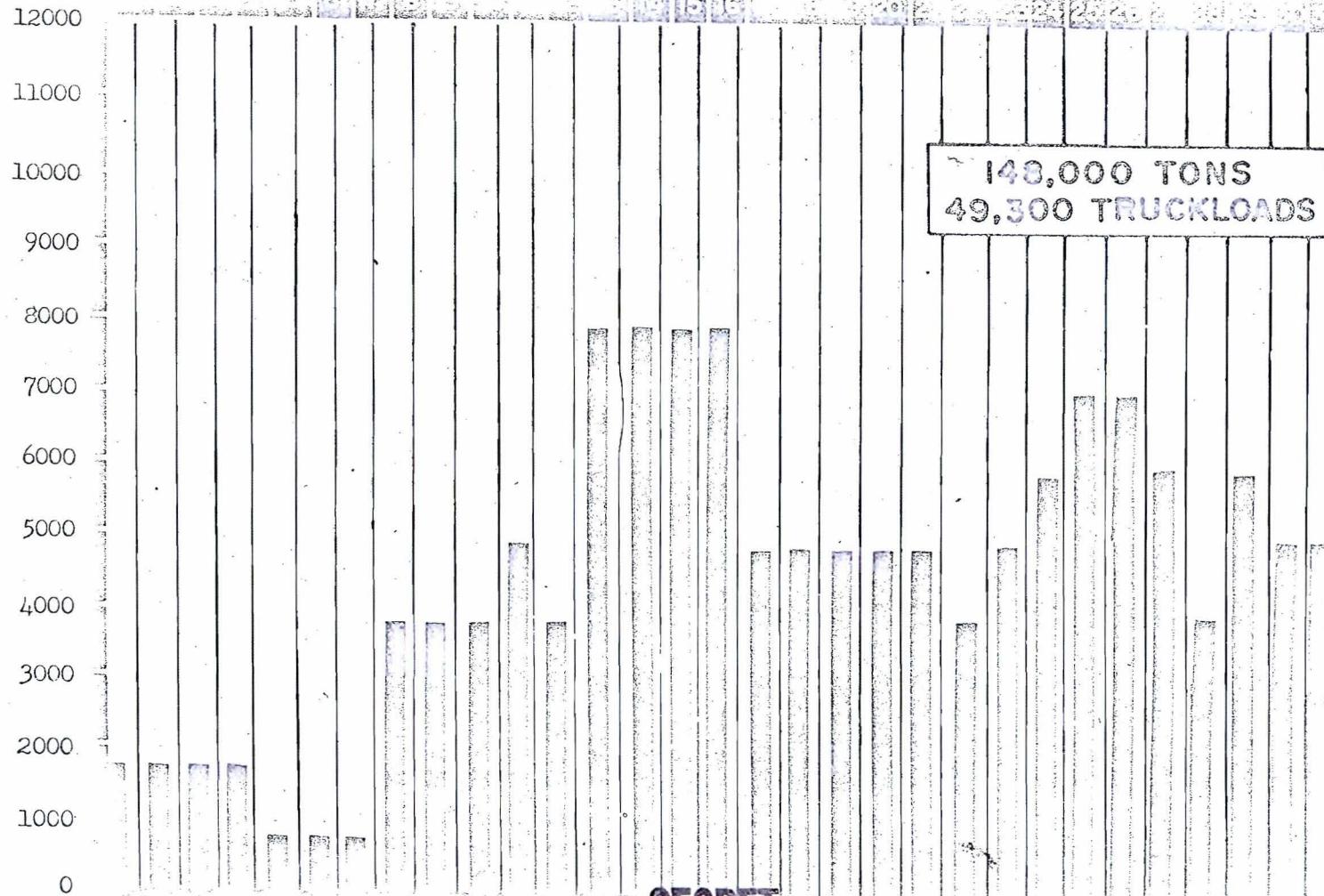
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901

NVN INTERDICTION COST IN TRANSHIPMENT

AUGUST

SHORT TONS



~~SECRET~~

~~SECRET~~

NVN INTERDICTION COST IN TRANSHIPMENT

SINCE 1 MAY

643,000 SHORT TONS

214,600 TRUCK LOADS

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SLIDE 47

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★ PRINCIPLE RAIL TARGETS (FREQUENCY OF STRIKE) SOUTHWEST MONSOON

THAI
NGUYEN

KEP

HANOI

BRIDGES

71

TIMES

RR YARDS

223

TIMES

TOTAL

294

TIMES

SECRET

~~SECRET~~

49

MAJOR NVN LOSSES TO USAF ATTACKS

1967

- * 2198 PIECES OF ROLLING STOCK DEST/DAM
- * BRIDGE & BARGE FABRICATION FACILITY DEST
- * 2 MAJOR RAIL CAR REPAIR FACILITIES DEST
- * 51,609 SHORT TONS OF SUPPLIES DEST/DAM
- * 40,950 FEET OF TRACK DEST

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SLIDE 49

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ENEMY ANTI-AIRCRAFT ARTILLERY

* TOTAL AAA WEAPONS DEPLOYED:

* 7,382

* MONTHLY AMMUNITION REQUIREMENT:

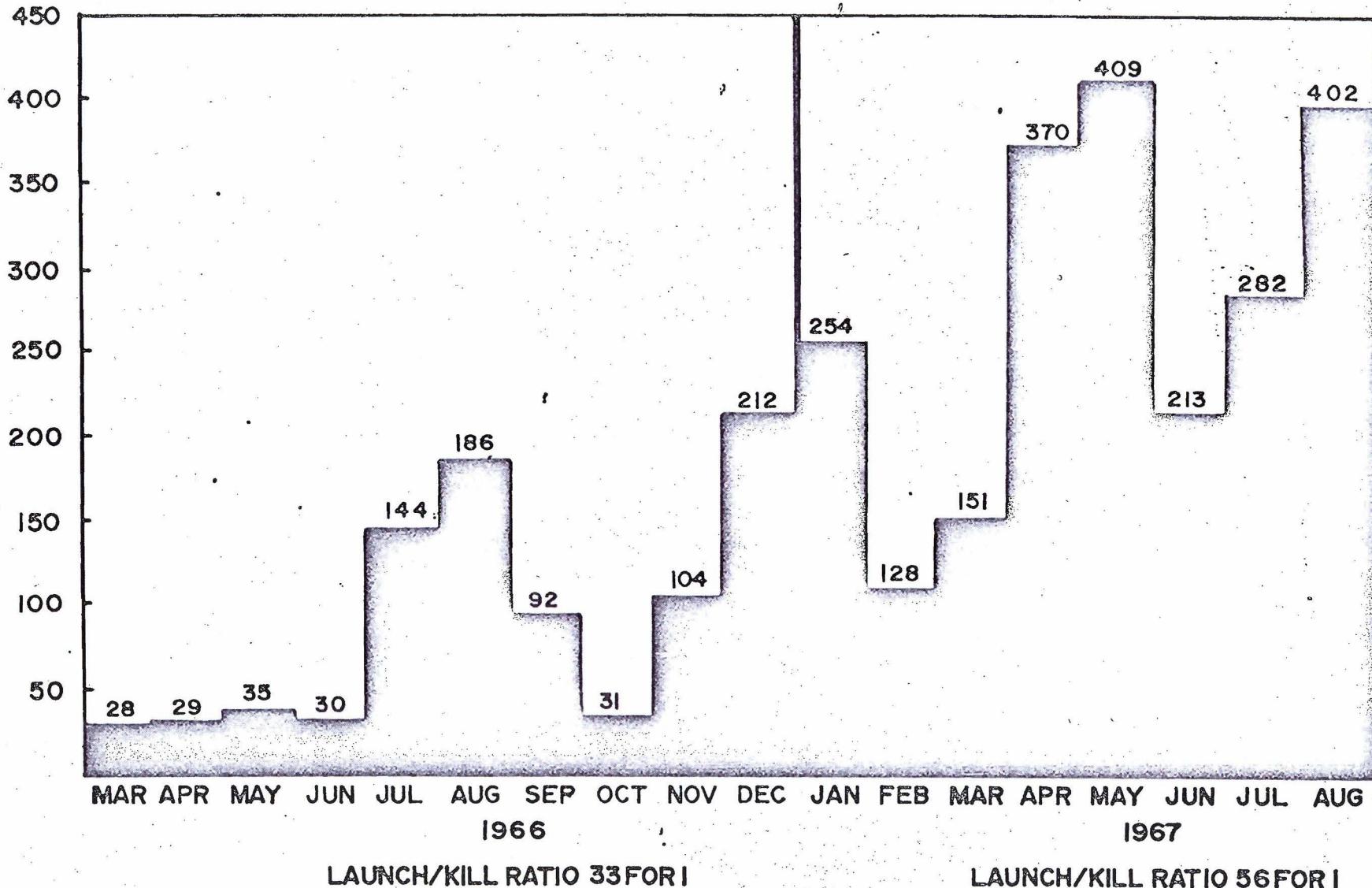
* 25,000 TONS

* 8,300 TRUCKLOADS

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NVN SA-2 LAUNCHES.



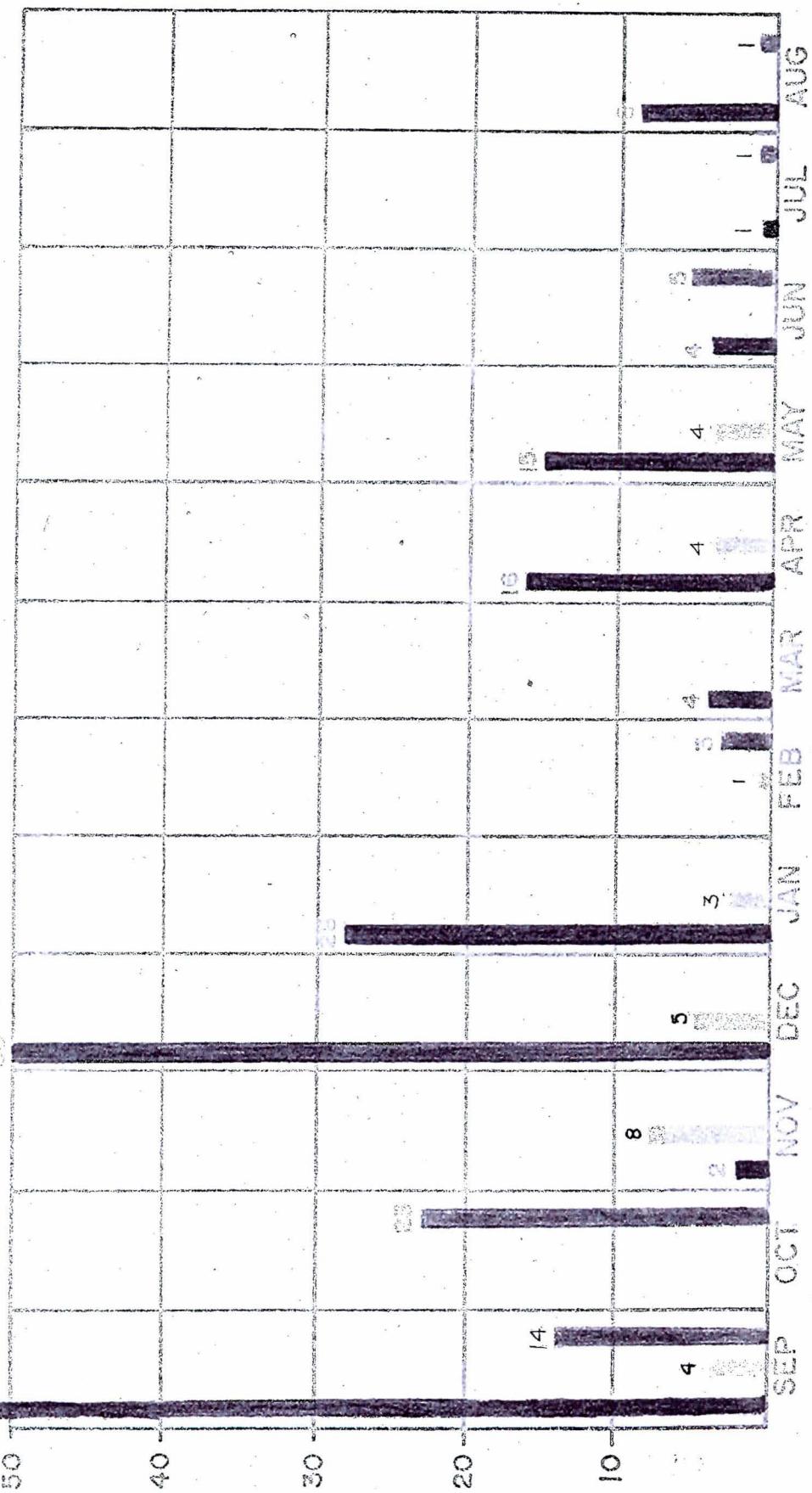
SLIDE 51

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NOTION OF CONVERGENCE IN ECONOMIC DEVELOPMENT

MR OF SODA

50 40 30 20 10



SLIDE 52

TECHINGF TEMPLATE

MIG

SAM

OF FLAK

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EFFECTIVENESS FACTORS

- * LEVEL OF EFFORT
- * LOSS RATE
- * SAM FIRINGS
- * AAA FLUCTUATIONS
- * MIG ENGAGEMENTS
- * NE RAILROADS
- * REPAIR CAPABILITY
- * ROLLING STOCK